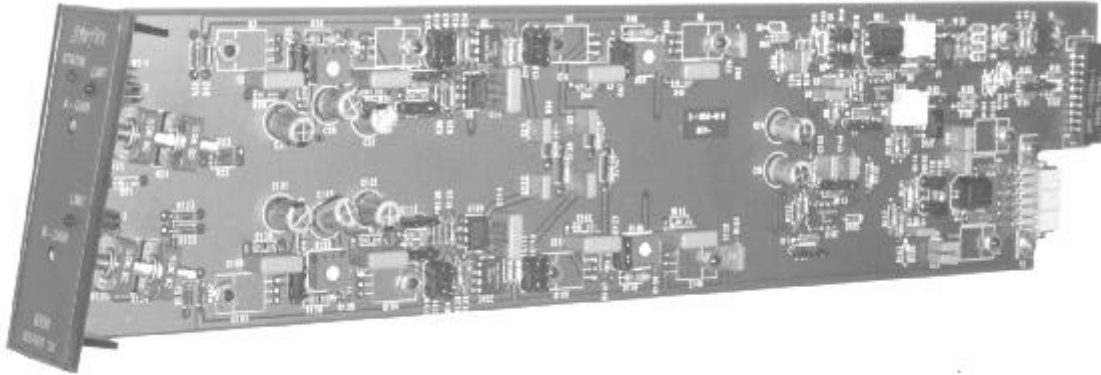




LINK ELECTRONICS, INC.

STARFLEX STEREO AUDIO DISTRIBUTION AMP.



FEATURES

Low Noise

Differential Input

Overload Limiters

Gain Range ± 16 dB

Two Stereo Channels

The 6550 stereo audio distribution amplifier is another member of the StarFlex family, and is designed to reflect the latest in the state of the art in engineering techniques. The 6550 is an extremely versatile stereo audio amplifier, offering outstanding performance. The inputs and outputs use captive screw clamp terminals located on the matching rear cell assembly. The rear cell model 6003 is supplied as an integral part with the 6550 stereo DA.

The 6550 provides two high performance channels with four low impedance stereo outputs per channel. The input is over voltage protected for up to 120 volts AC or DC.

The 6550 is well suited for any type of operation. The input is balanced bridging, but can be terminated into 150 ohms. An unbalanced input is converted to balanced outputs. The transmission path of the 6550 is virtually transparent.

The features include 100dB of Signal-to-Noise ratio .05 dB frequency response from 20 Hz to 20 KHz, and .01% total harmonic distortion from 20 Hz to 20 KHz. The isolation between modules is greater than 100 dB. A gain control on the front panel for each channel allows for independent level matching. The 6550 operates in the 3000 series mounting frame that holds any combination of 3000 series modules.

LINK ELECTRONICS, INC.

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Cape Girardeau, MO 63703

Phone: 573 334 4433

FAX: 573 334 9255

PROFESSIONAL SERIES--

modular television system products--by LINK

SPECIFICATIONS

STEREO AUDIO DISTRIBUTION AMPLIFIER

STARFLEX 6550

INPUT

Impedance: 20K Ω , $\pm 2\%$ Diff. Balanced
 Max. Level: 40 dBu, Differential
 Common Mode Range: ± 15 Volts
 Common Mode Rejection: >90 dB @ 60Hz

OUTPUT

Channels: Two(2)
 Number of Outputs per Channel: Four (4)
 Impedance: 66 Ohms
 Max. Level: +26 dBu, All Ch's Max Load
 Output to Output Isolation: >70 dB

PERFORMANCE

Gain Range: ± 16 dB
 Power Response 3dB Points: < 2Hz, > 200KHz
 Slew Rate: >30V/ μ S, Tim Filter Disabled
 S/N Ratio: >100 dB @ WTD +8dBu 0 Gain
 Frequency Response: +0.05dB, 20Hz to 20KHz
 Total Harmonic Distortion: <0.01% At +8dBu 0 Gain Max. Load
 Intermodulation Distortion: < 0.015% @ 60/7K, 4/1, + 15VRMS
 Isolation Between Outputs: 120dB 20Hz to 20KHz
 Isolation Between Modules: 120dB 20Kz to 20KHz
 Crosstalk: 100dB 20Hz to 20KHz
 DC Offset: < 10mV
 Quiescent Drain Current: < ± 100 mA
 Maximum Instantaneous Current: 1Amp.
 Supply Voltage: ± 21 VDC Min.
 Temperature Range: 0° C to 50° C
 Humidity: 0% to 90% non-condensing
 Input Voltage: ± 25 VDC 190 mA
 Mechanical:
 Height: 3.5"
 Width: 1.5"
 Length: 15.125"
 Weight: 11.5 Oz

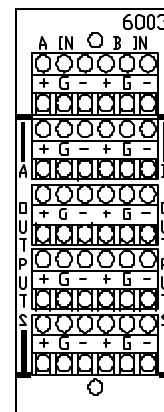
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Rear Cell

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